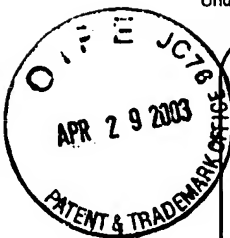


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#2
6/5/03
AW**REVOCATION OF POWER OF
ATTORNEY OR
AUTHORIZATION OF AGENT**

Application Number	10/038,203
Filing Date	October 19, 2001
First Named Inventor	Krishnendu Chakraborty
Group Art Unit	2175
Examiner Name	Dov Popovici
Attorney Docket Number	30014200.1067/P6339NP/JLM

I hereby revoke all previous powers of attorney or authorizations of agent given in the above-identified application:

☒ A Power of Attorney or Authorization of Agent is submitted herewith.

OR

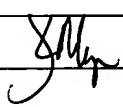
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Number Bar Code
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OR

<input type="checkbox"/> Firm or Individual Name					
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Address	Technology Center 200				
City					
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Telephone		Fax			

I am the:

☐ Applicant/Inventor.☒ Assignee of record of the entire interest. See 37 CFR 3.71.
Certificate under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)**SIGNATURE of Applicant or Assignee of Record**

Name	Jeffrey L. Myers
Signature	
Date	4/16/03

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required.
Submit multiple forms if more than one signature is required, see below*.☐ *Total of _____ forms are submitted.

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Attorney Docket No.: 30014200.1067/P6339NP/JLM
Customer No. 26263

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Group Art Unit: 2175

Krishnendu Chakraborty, et al.

Examiner: Dov Popovici

Application No.: 10/038,203

Filed: October 19, 2001

Title: Method and Apparatus for Runtime Merging of Hierarchical Trees

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APR 30 2003

POWER OF ATTORNEY

Commissioner for Patents
Washington, D.C. 20231

Technology Center 2100

Sir:

I hereby appoint the attorney(s) and agent(s) of Sonnenschein Nath & Rosenthal associated with Customer Number 26263, and the attorneys named below, with full power of revocation and substitution, to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

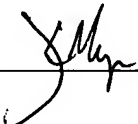
Anirma R. Gupta, Reg. No. 38,275, Sean P. Lewis, Reg. No. 42,798, Bernice B. Chen, Reg. No. 42,403, Noreen A. Krall, Reg. No. 39,734, Monica D. Ward, Reg. No. 40,696, Marc D. Foodman, Reg. No. 34,110, Elaine K. Lee, Reg. No. 41,936, Paul D. Sorkin, Reg. No. 39,039, Marilyn E. Glaubenslee, Reg. No. 35,521, Andrew C. Chen, Reg. No. 43,544, Pavel Pogodin, Reg. No. 48,205 and Jeffrey L. Myers, Reg. No. 44,252 all of **SUN MICROSYSTEMS, INC., 4150 Network Circle, Santa Clara, California 95054.**

Please change the correspondence address for the above-identified application to:

SONNENSCHN NATH & ROSENTHAL
P.O. Box 061080
Wacker Drive Station, Sears Tower
Chicago, Illinois 60606-1080
Phone: (202) 408-6348
Fax: (312) 876-7457
Customer Number 26263

I am the Assignee of record of the entire interest. See 37 CFR 3.71.

Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

Signature:  Date: 4/16/03

Name: Jeffrey L. Myers

Title: Patent Counsel, Sun Microsystems, Inc.

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Krishnendu Chakraborty, et al.Application No./Patent No.: 10/038,203Filed/Issue Date: October 19, 2001Entitled: Method and Apparatus for Runtime Merging of Hierarchical TreesSun Microsystems, Inc., a Corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

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☐ Additional documents in the chain of title are listed on a supplemental sheet.

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[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.8]

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

Date

4/16/03

Signature

Jeffrey L. Myers

Typed or printed name

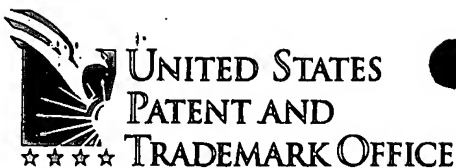
Patent Counsel

Title

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MARCH 11, 2002

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Washington, DC 20231
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COUDERT BROTHERS LLP
J.D. HARRIMAN II, ESQ.
333 SOUTH HOPE STREET, SUITE 2300
LOS ANGELES, CALIFORNIA 90071



101949899A

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RECORDATION DATE: 10/19/2001

REEL/FRAME: 012460/0932
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

CHAKRABORTY, KRISHNENDU

DOC DATE: 09/30/2001

ASSIGNOR:

WONG, AMY

DOC DATE: 08/30/2001

ASSIGNOR:

HEILIG, JOERG

DOC DATE: 10/19/2001

ASSIGNEE:

SUN MICROSYSTEMS, INC.
901 SAN ANTONIO ROAD
PALO ALTO, CALIFORNIA 94303

SERIAL NUMBER: 10038203
PATENT NUMBER:

FILING DATE: 10/19/2001
ISSUE DATE:

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COUDERT BROTHERS

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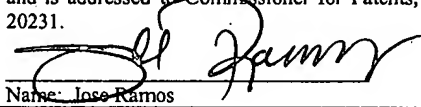
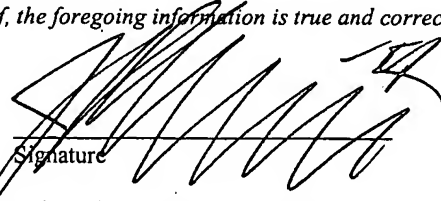
01-17-2002

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office



101949899

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies):</p> <p>1. Krishnendu Chakraborty 2. Amy Wong 3. Joerg Heilig</p> <p style="font-size: 2em; text-align: center;">10/19/01</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>		<p>2. Name and address of receiving party(ies):</p> <p>SUN MICROSYSTEMS, INC. 901 San Antonio Road Palo Alto, California 94303</p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Security Agreement <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name <input type="checkbox"/> Other:</p> <p>Execution Date: 1. September 30, 2001 2. August 30, 2001 3. October 19, 2001</p>		<p>CERTIFICATE OF MAILING UNDER 37 CFR §1.10</p> <p>Express Mail No.: <u>EL 782719149 US</u></p> <p>Date of Deposit: <u>October 19, 2001</u></p> <p>I hereby certify that this paper, accompanying documents and fee are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" Service on the date indicated above and is addressed to Commissioner for Patents, Washington, D.C. 20231.</p> <p> Name: <u>Jose Ramos</u></p>	
<p>4. Application number(s) or patent number(s):</p> <p>If this document is being filed together with a new application, the execution date of the application is: <u>October 19, 2001</u></p> <p>A. Patent Application No.(s) _____ B. Patent No.(s) _____</p> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>			
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>J. D. Harriman II, Esq. COUDERT BROTHERS LLP 333 South Hope Street, Suite 2300 Los Angeles, California 90071</p>		<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 1.21(h)): \$40.00</p> <p><input checked="" type="checkbox"/> Enclosed</p> <p><input type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit account number: _____</p> <p>(Attach duplicate copy of this page if paying by deposit account)</p>	
<p>DO NOT USE THIS SPACE</p>			
<p>9. Statement and signature.</p> <p><i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i></p> <p><u>J. D. Harriman II - Reg. No. 31,967</u> Typed Name and Reg. No.</p> <p> Signature</p> <p><u>October 19, 2001</u> Date</p> <p>Total number of pages comprising cover sheet: <u>3</u></p>			

Mail documents to be recorded with required cover sheet information to:
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JC832 U.S. PTO
 10/038203
 10/19/01

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I (We) the undersigned, **KRISHNENDU CHAKRABORTY, AMY WONG, and JOERG HEILIG** hereby sell(s), assign(s) and transfer(s) to **SUN MICROSYSTEMS, INC.**, a Delaware Corporation, having a principal place of business at 901 San Antonio Road, Palo Alto, California 94303, ("Assignee"), its successors, assigns and legal representatives, my (our) entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which is being filed concurrently herewith, and is entitled:

"METHOD AND APPARATUS FOR RUNTIME MERGING OF HIERARCHICAL TREES"

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application; agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has (have) been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Dated: 9/30/01



Krishnendu Chakraborty

Dated: _____

Amy Wong

Dated: _____

Joerg Heilig

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I (We) the undersigned, **KRISHNENDU CHAKRABORTY, AMY WONG, and JOERG HEILIG** hereby sell(s), assign(s) and transfer(s) to **SUN MICROSYSTEMS, INC.**, a Delaware Corporation, having a principal place of business at 901 San Antonio Road, Palo Alto, California 94303, ("Assignee"), its successors, assigns and legal representatives, my (our) entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which is being filed concurrently herewith, and is entitled:

"METHOD AND APPARATUS FOR RUNTIME MERGING OF HIERARCHICAL TREES"

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application; agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has (have) been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Dated: _____

Krishnendu Chakraborty

Dated: 8/30/01

Amy Wong
Amy Wong

Dated: _____

Joerg Heilig

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I (We) the undersigned, **KRISHNENDU CHAKRABORTY, AMY WONG, and JOERG HEILIG** hereby sell(s), assign(s) and transfer(s) to **SUN MICROSYSTEMS, INC.**, a Delaware Corporation, having a principal place of business at 901 San Antonio Road, Palo Alto, California 94303, ("Assignee"), its successors, assigns and legal representatives, my (our) entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which is being filed concurrently herewith, and is entitled:

"METHOD AND APPARATUS FOR RUNTIME MERGING OF HIERARCHICAL TREES"

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application; agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has (have) been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Dated: _____

Krishnendu Chakraborty

Dated: _____

Amy Wong

Dated: 10/13/01



Joerg Heilig